

WORKIO™

DIGITAL IMAGING SYSTEMS

Panasonic
DP-6010

- 60 ppm Digital Copying and Printing
- Versatile Network Scanning Capability
- Enhanced User Interface with Half-VGA LCD Panel
- Network Monitoring & Job Management Capability



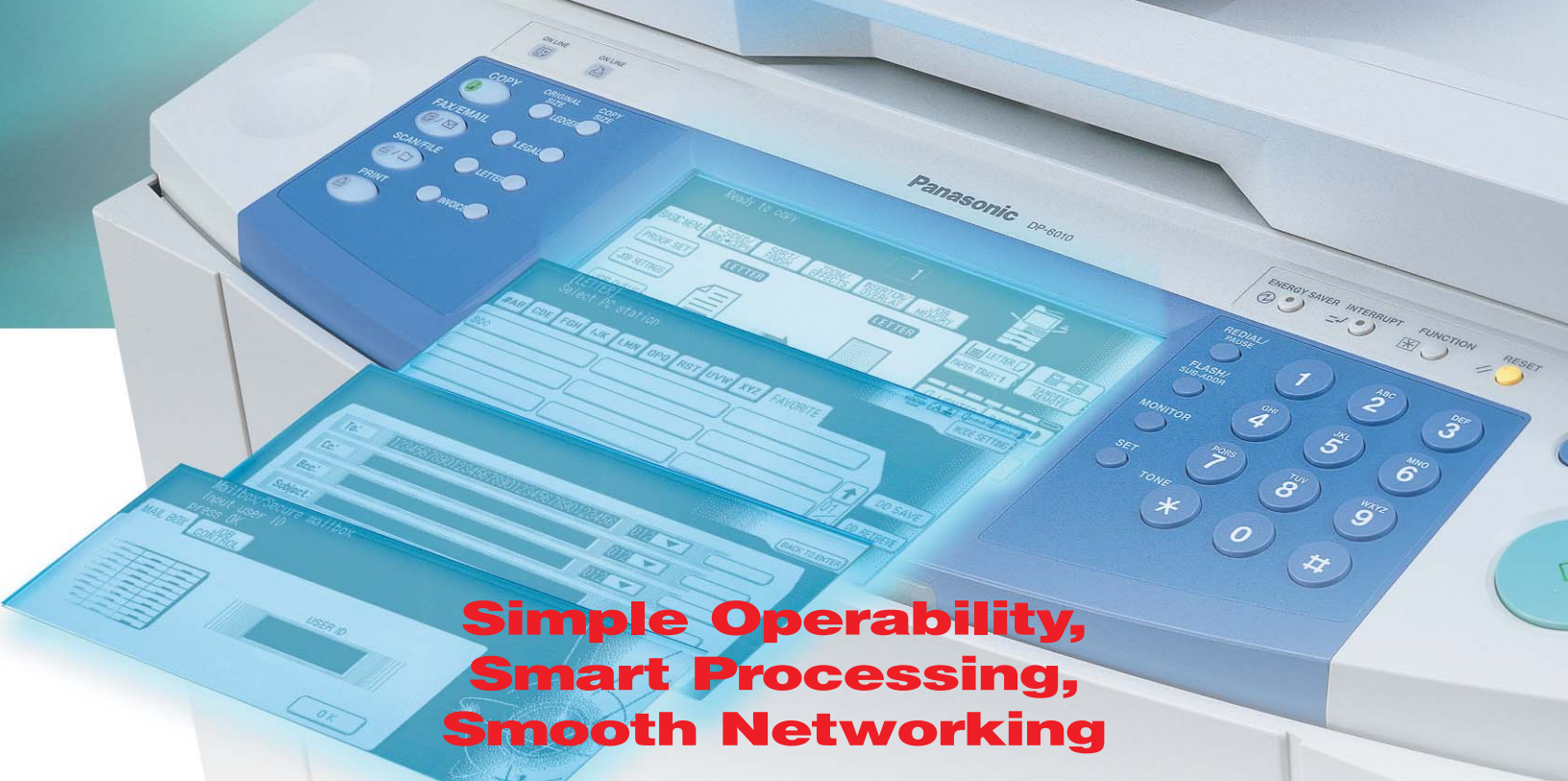


Ever since their introduction, Panasonic's WORKiO Digital Imaging Systems have set the standard for office document systems with their integrated input/output, reliable performance, and ease of use. From paper to digital, from input to output... document handling has never been this easy and efficient.

WORKiO: The Simple Solution For High-Performance, High-Volume Office Document Processing



Now Panasonic is bringing WORKiO another step closer to the ultimate in operability and functionality with the addition of built-in network connectivity. Ready to plug right into your local network right out of the box, the WORKiO 6010 is ready to handle the scanning, copying, faxing, printing, and e-mailing requirements of everyone in your office. And it's designed to do it all quickly, efficiently, and economically.



Simple Operability, Smart Processing, Smooth Networking

Nothing is more frustrating than having a machine that is so complex, no one can figure out how to use it. That's why Panasonic put extra effort into designing a machine that's complex on the inside, yet simple and easy-to-use on the outside.

Instead of a tiny LCD screen that shows brief, cryptic messages, the WORKiO 6010 comes with an oversized LCD touch

panel that lets you choose what you want to do and immediately shows you what you're going to get. No more guesswork, or hunting for the manual. With the intuitive graphical interface, you'll always know exactly what you're doing and what the results will be. So you won't waste time and paper by using the wrong settings or the wrong document.

And, of course, the WORKiO 6010 is built tough with a rugged chassis designed to handle the wear and tear of years of service. Key components and consumables have also been designed to provide as long a service life as possible, while power consumption and noise/ozon emission have been minimized to assure a safe, comfortable and economical operating environment.

Streamlined Document Workflow

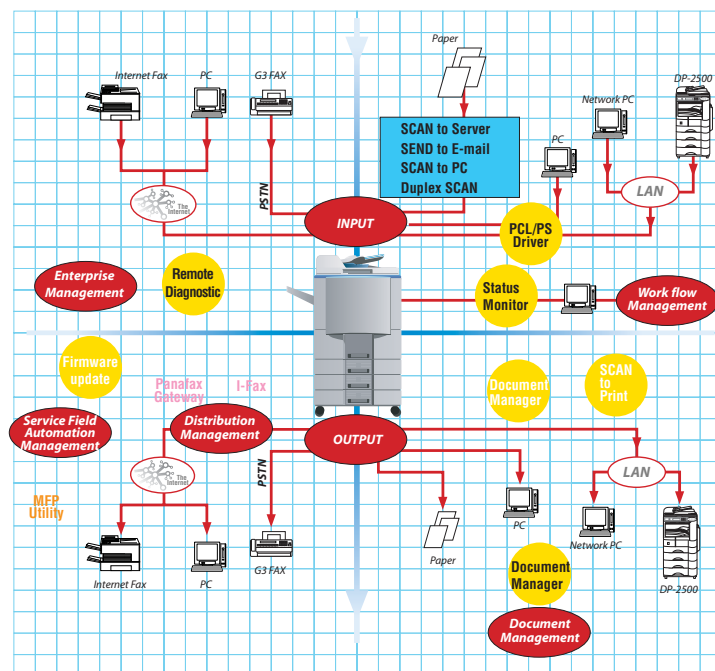
Best of all, WORKiO works. With built-in network connectivity, the WORKiO 6010 can plug into any network — from small, local networks to corporate backbone systems. Functioning as an on-ramp to the Internet, the WORKiO 6010 provides Internet capabilities that make it easy for you to stay connected in today's world. The "Send to PC"* and "Send to E-mail"** features send scanned documents directly to any PC on your LAN or to an e-mail application at the touch of a button.

With network connectivity, laser-quality, user-friendly design, and multitasking capabilities, the WORKiO 6010 is a today's most practical solution for maximizing office productivity and reducing TCO.

The new-generation WORKiO from Panasonic. Building the office of the future.

* Optional Network Scanner Module required.

** Optional Internet Fax/E-mail Module required.



WORKiO Solutions for

Productive Copying & Intuitive Operation

High-speed Digital Copying

With the ability to pump out up to **60 letter-size pages per minute**, the WORKiO 6010 brings real document processing power to your office. Thanks to its **high-performance MPU** (microprocessor), the WORKiO 6010 boasts a fast **first copy time of 3.5 seconds** and lightning-quick output, so it never keeps you waiting. It also comes with a built-in **"stackless" duplex unit** for hassle-free high-speed duplex copying.

Enhanced Graphical User Interface

WORKiO's user-friendly design makes even complicated tasks a snap. A comprehensive control panel with large touch-sensitive LCD display gives you quick access to any function and simplifies even complicated operations. When you press the COPY button, the **half-VGA (640 x 240 pixels) size LCD** display shows you both the original image and what the final output image will look like. If you're operating the WORKiO remotely, it will send a completion notice to your PC when the copy job is finished. With this **original/finished image display**, WORKiO makes simple, trouble-free operation a reality and effectively puts an end to mis-copying.

- High-speed, high-volume copying with fast first copy.
- Large LCD panel with graphical display eliminates mis-copying.
- Finishing versatility & network-intensive copying solution.
- High-quality image reproduction capability.

WORKiO Advantages

Got a problem? WORKiO has a solution.

"Copy complications"

- Big copy jobs create a bottleneck, slowing down workflow
- A misplaced page or a text error can force you to start a time-consuming high-volume job all over again
- High-volume copying and binding jobs are tricky and complicated.



[COPY]

eliminates mis-copying

High Image Quality

In spite of its incredibly fast copying time the WORKiO 6010 offers professional-quality **600 x 600 dpi resolution** with **256-level grayscale**. Newly-developed **image processing LSIs** greatly improve image processing speed and quality, while **ultra-fine toner/carrier particles** provide accurate image reproduction. The resulting copies feature crisp, legible text with no blurring of small characters and clear, sharp photos. Powerful **image stabilizing technology** maintains the same superior quality across multiple generations regardless of environmental factors.



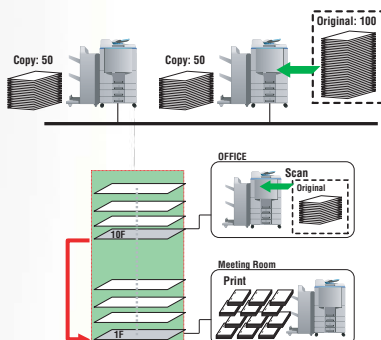
Digital Copy Conveniences

Digital image processing capability helps accelerate document production with features like **N-in-1 Copy** for copying multiple originals on a single sheet, **Zoom Copy** for specification of enlargement/reduction ratios, and **Image Rotation** for accurate copies regardless of paper orientation. The standard-equipped inverting ADF unit enables productivity-enhancing high-speed **Duplex Copying**. **Sort Copy** electronically collates copies as shifted or rotated sets. With the **expandable sorting memory** added, you can further enhance sorting capability, for even smoother, more efficient sorting.



Network-intensive Copying Capability

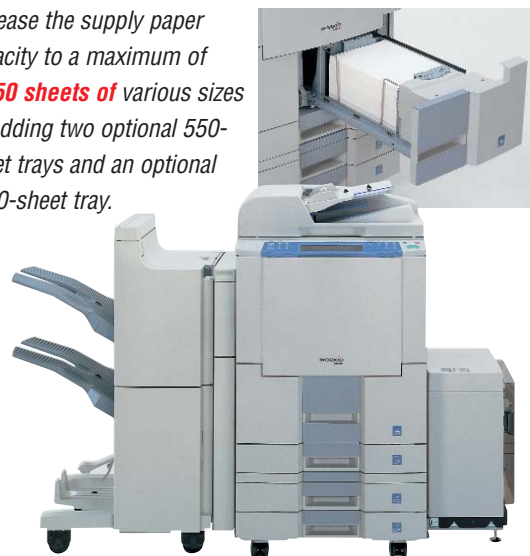
The WORKiO 6010's inherent network connectivity further enhances copying convenience. **Concurrent Copy**^{*1} allows the WORKiO to handle up to 12 different copy jobs at one time. For extra-large volume copying, the **Tandem Copy**^{*1} function enables two WORKiOs to work jointly on a single copy job, and with **Remote Copy**^{*1}, you can send a copy job to another WORKiO located on another floor or in a different room. **Proof Copy** produces a first set of copies so you can double-check the results before outputting a large volume of copies.



^{*1} Optional Hard Disk Drive Unit required.

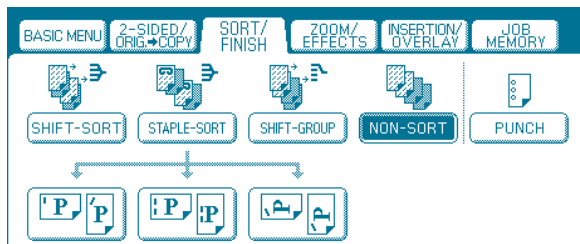
High-Volume Copying Capability

The provided extra-large capacity **1550-sheet Letter-size paper tray**, can handle most common high-volume copying requirements. Together with the 550-sheet standard paper tray, as well as the 50-sheet bypass tray, the WORKiO 6010 can hold **up to 2,150 sheets** at a time. Need more? You can increase the supply paper capacity to a maximum of **6,250 sheets** of various sizes by adding two optional 550-sheet trays and an optional 3000-sheet tray.



Complete Finishing Capability

The WORKiO 6010 is not just a high-volume copying machine, but a complete document finishing machine with **stapling, punching** and even **saddle stitching** capabilities. A **variety of finisher options** are available, allowing you to expand the WORKiO 6010's functionality as your business needs grow. As with normal copies, finished results such as stapled or punched images can be checked beforehand on the LCD screen.



WORKiO Solutions for

Network Printer & Job Control Management

High-Speed Network Printer

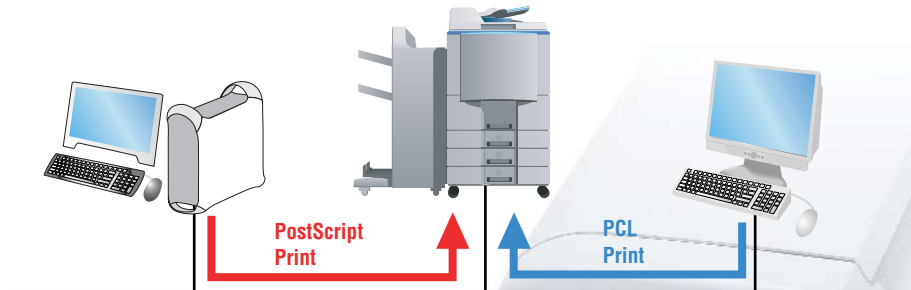
The WORKiO 6010 comes standard with both a **10Base-T/100Base-TX Ethernet** interface and a parallel interface, so you can directly connect it to either a PC or your local area network. Super-fast **60 ppm (Letter)** printing capability makes the WORKiO 6010 a superb network printer and its **Ledger-ready** paper handling capability offers an added bonus rarely available with standard PC printers.

High-Quality Printing Images

In addition to true **600 x 600 dpi** printing resolution, Panasonic-exclusive image enhancement technology further improves printout quality to **1200 dpi equivalent***1. The result is superb photo and graphics reproduction with clear, crisp details and smooth gradations. Small characters are completely legible even when superimposed on a colored background. In addition to standard Windows® GDI printing, the WORKiO can handle **PCL or PostScript™** data when the optional printer controller is added. And, of course, with a built-in **automatic duplex unit**, printing flexibility is even more enhanced.



*1 Optional PCL Printer Controller Module or Multi-Page Description Language Controller Module required.



- High-speed, high-quality network printer performance
- Comprehensive Printer Driver and Status Monitor
- Plus, intelligent job control system offers smooth and efficient print traffic.

WORKiO Advantages

**Got a problem?
WORKiO has a
solution.**

“Printer traffic jams...”

- When the convenience of printing becomes an inconvenience
- When crucial documents get stuck in extended printer queues
- When you lose time sorting and finishing documents
- When there's not enough room for another machine



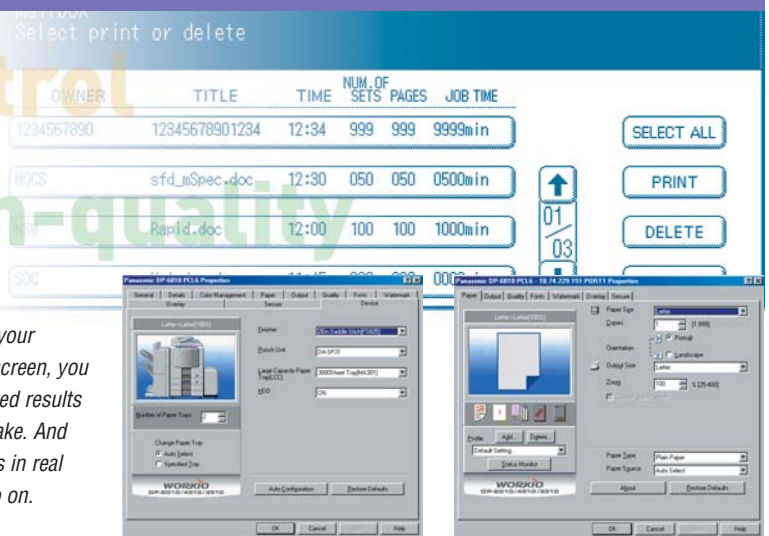
[PRINT]

intelligent job control

High-speed, high-quality

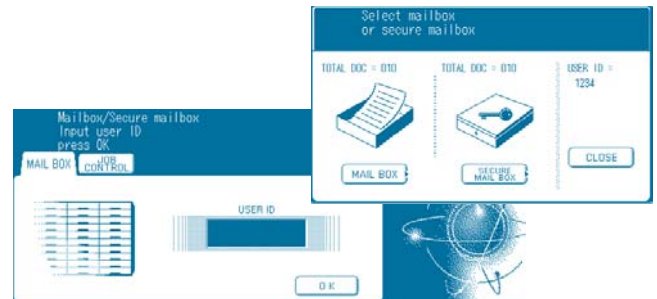
Intuitive Print Control

The graphical **printer driver** screen makes it easy to control a remote WORKiO from your desktop. While checking the virtual printed results on the left side of the printer driver screen, you can specify printing commands via the easy-to-use **graphical user interface**. Finished results like sorted, stapled or punched can be confirmed on-screen, so you never make a mistake. And with the new visual **Status Monitor**, you can check a remote WORKiO's current status in real time and respond more quickly to problems such as paper jams, depleted toner, and so on.



Print Data Storage Box

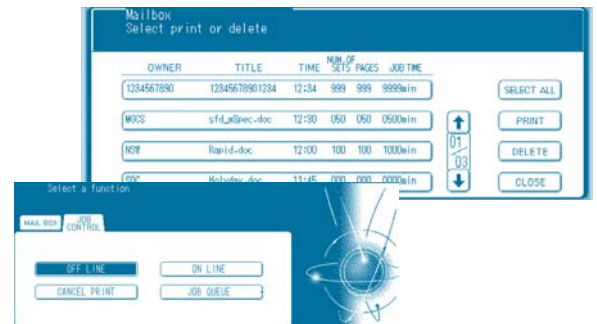
Inside the WORKiO, you can store printing data in your **Mail Box***2 or **Security Box***2. This special hard disk area can be used as a personalized disk space for up to 100 different users*2. With your User ID specified, you can store printing data for output later, so you don't have to keep your PC and application on after sending it to your Mail/Security Box. To protect the stored printing data from being leaked, **high security levels** are available with 8-digit User ID and 4-digit Passwords.



Intelligent Job Control Management

With enhanced graphical LCD display, you can view and even delete from the **Print Queue** for each copy or print job, while approximate **Job Time** display is convenient for reduction of TCO (total cost of ownership). If the WORKiO is on a network, the network administrator can not only monitor **device status** with the job queue and other WORKiO controls*2, but can also **set up or configure** the WORKiO – especially convenient when changing the machine configuration.

*2 Optional Hard Disk Drive Unit required.



True Distributed Printing Solution

With WORKiO, you not only get the simplest print connection available, you can also get a powerful print management solution with OneRIP. For true distributed printing, OneRIP for Panasonic allows you to connect up to 10 WORKiO printers over your network. Manage all your jobs in a single place, and print easily from any client computer. With OneRIP, you can also cluster your printers for printer load balancing and high-volume printing at enhanced speed. And there's no extra hardware to buy, install the OneRIP for Panasonic software on any computer, and connect directly to WORKiO's standard network interface. It's powerful plug and play print management.



Printer management and clustering for high-speed printing with OneRIP

WORKiO Solutions for

Network Scanner & Document Management

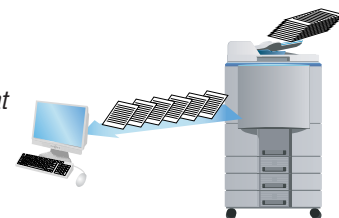
High-Speed Scanning with 600 x 600 dpi Resolution

The WORKiO 6010 also functions as a **high-speed image scanner***1 that allows you to easily convert paper originals (up to Ledger) into PC data. High-quality **600 x 600 dpi resolution** and **256-level grayscale** capability assure accurate reproduction of original images and text. With the i-ADF unit, you can load up to 70 pages (Letter) and scan an entire **double-sided** multi-page document at one time.



Network Connectivity

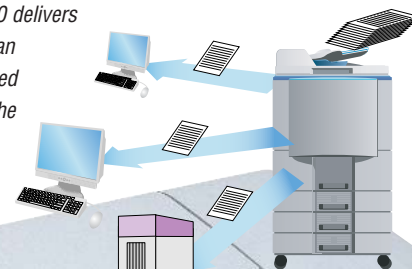
With its built-in **10Base-T/100Base-TX Ethernet** interface, the WORKiO 6010 can be used as a network scanner*1, transferring scanned documents to any client PC on the LAN. It's a great way to share documents and much more efficient than printing out copies for everyone. The **multi-network** design ensures that the WORKiO 6010 can connect without fail across all Windows®, Macintosh and UNIX operating systems.



Versatile Network Scanning Capability

With its "push"-type scanning capability, the WORKiO 6010 delivers versatile scanning performance on the network. Simply scan the paper documents and send the scanned data to specified PC with **"Scan to PC"***1. With **"Scan to Server"***1, the scanned data can be transferred to an FTP server on the network, so that the required images can be downloaded to the client PC or transferred to another network via Internet.

*1 Optional Network Scanner Module required.



- Network Scanning capability offers easy digitization of paper documents
- You can convert any paper document into PC data, in a variety of styles.
- Document Manager software makes easy document management possible
- Simple operation and easy handling via comprehensive GUI operation
- Paperless document distribution & seamless fax transmission

WORKiO
Advantages
Got a problem?
WORKiO has a
solution.

"Paper, paper everywhere..."

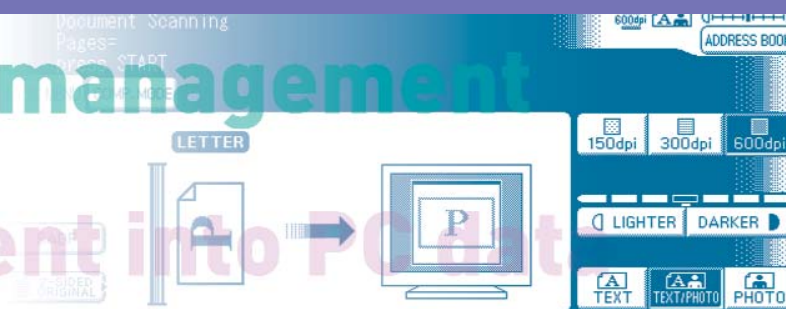
- Introduction of digital equipment has increased paper flow in your office
- Paper documents are stacked on every desk in your office.
- A deluge of faxes, e-mail, and digital documents is constantly spewing from printers, faxes and copiers



[SCAN / FILE]

easy document management

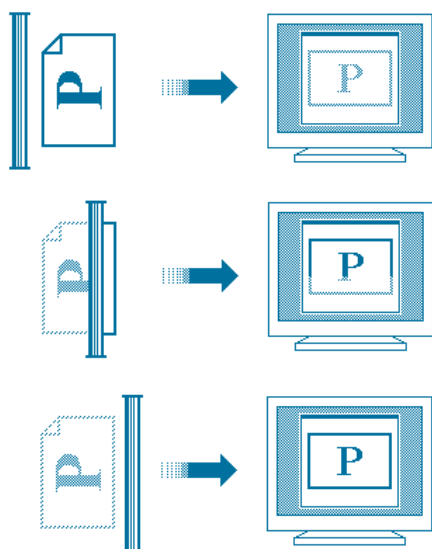
any paper document into PC data



GUI Screen with Animated Display

When the document is being scanned, an **animated display** on the LCD lets you view the progress of the scanning operation.

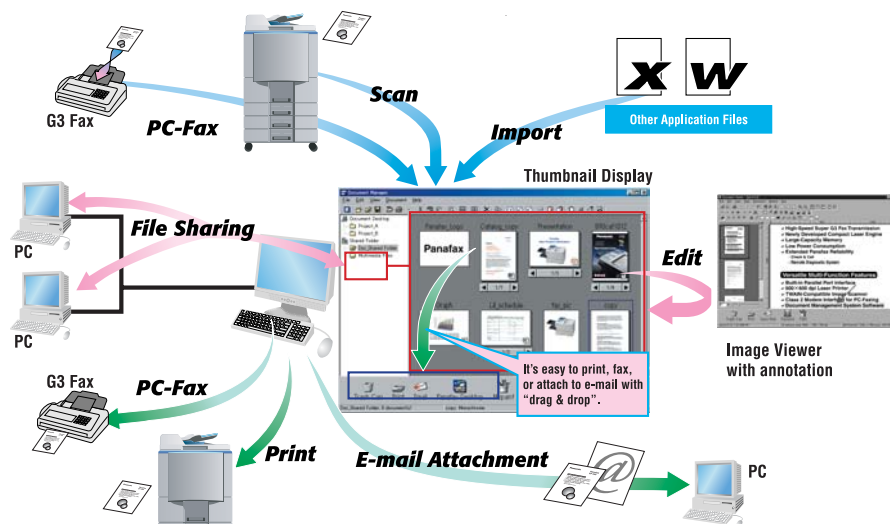
When scanning is completed, the scanned image appears on the PC display.



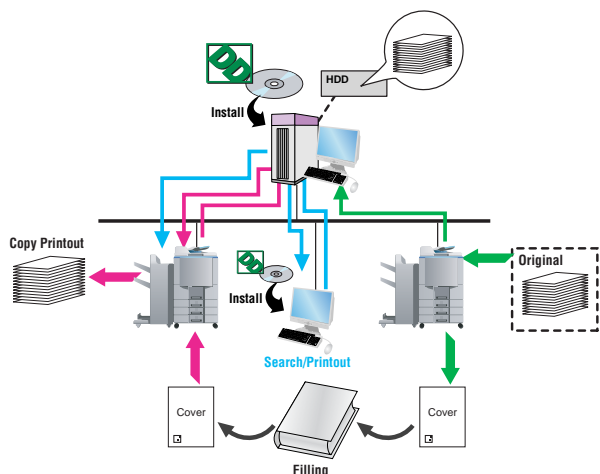
Desktop Document Management

The provided **Document Manager** software enables efficient management of scanned documents and other PC data in an integrated console. When the scanned image arrives on your PC, the Document Manager automatically starts up and lets you know that the scanned data has been received. You can view, add comments or attach memo slips to the image with the **Document Viewer**. Using Document Manager, scanned documents can be efficiently managed, edited with simple **"drag & drop"** operation and even **shared by network PCs**. And, with the provided **Panafax Desktop** software, you can send a fax directly from your PC without having to print it out*2.

*2 Optional Fax Communication Board required.



The smart way to manage document workflow
From input to output, from editing to file sharing, Document Manager software streamlines all your document management tasks with simple "drag & drop" operation.



Network Document Management Solution

For larger-scale document management, Panasonic's exclusive **DD Storage System** is also available as an option for use with a client-server network system. When the optional **DD Server** software is installed in the server PC, the scanned documents are automatically stored in the DD Server with the DD Code stamped on the cover page of the document. By specifying the cover page of the required file, an entire document can be quickly retrieved from the server and printed out on the WORKiO 6010. Stored documents can also be retrieved by a network PC from the Document Manager screen. With the DD Storage System, you can minimize paper documents in your office and still keep all the original data.

WORKiO Solutions for

Perfect Faxing & Document Distribution

Super Fast Fax Transmission



With the fax communication kit option, you can transform your WORKiO 6010 into a high-speed **33.6 kbps Super G3** fax that transmits a page in about 3 seconds (Letter). Besides faster transmission, prep time is also much shorter, thanks to **0.7-sec. Quick-Scan**. And when you send multiple pages, the **Quick Memory Transmission** saves time by connecting to the receiver and beginning transmission while still collecting data.

Enhanced Communication Resolution

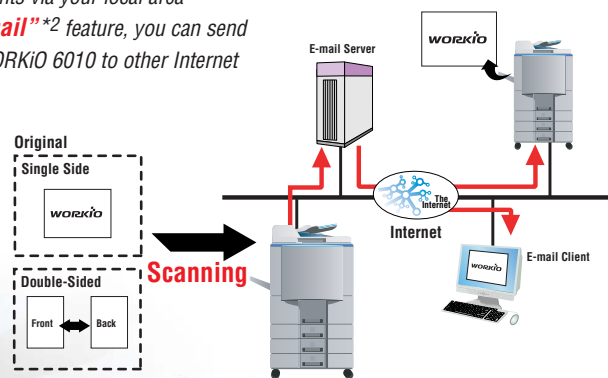
Thanks to high-resolution scanning capability, extra-high 600 x 600 dpi resolution is available for G3 fax*¹ or Internet fax (Send to E-mail*²) communication. With the **600 x 600 dpi communication resolution**, sharp edges and crisp characters are maintained and reproduced at the destination even when hard-to-reproduce pages with mixed text and images are transmitted via PSTN line or Internet.

*¹ Optional Fax Communication Board required.

*² Optional Internet Fax/E-mail Module required.

“Send to E-mail” for Faxing via Internet

With the Internet Fax option, the WORKiO 6010 converts paper documents into TIFF-F image files and transmits them as e-mail attachments via your local area network. With this **“Send to E-mail”***² feature, you can send the document directly from the WORKiO 6010 to other Internet faxes or even multiple e-mail clients worldwide at the touch of a button. When both LAN and PSTN lines are used at the same time, **E-mail/G3 mixed broadcast***³ is convenient way to send the same document to both e-mail addresses and G3 fax machines.



*³ Optional Internet Fax/E-mail Module and Fax Communication Board required.

- High-speed Super G3 fax transmission with JBIG compression
- “Send-to-E-mail” sends handwritten document via e-mail
- Versatile “Send” features enable easy document distribution to multiple recipients

WORKiO Advantages
Got a problem?
WORKiO has a solution.

“Sending files is a hassle...”

- Fax transmissions are too slow...
- E-mailing a handwritten document or check sheet involves so many complicated steps; it's not worth the bother...
- Sending a file to multiple PCs means repeating the same operation over and over again...



[FAX / E MAIL]

"Send-to-Email"

Paperless Faxing Capability

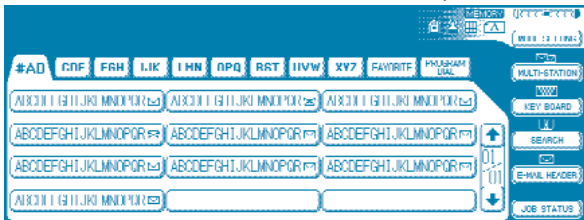
Since image files sent from the WORKiO 6010 as e-mail attachments*2 can be easily opened and displayed using your existing image viewer (i.e., Imaging for Windows®), **paperless fax delivery** is possible. WORKiO's **fax/e-mail gateway** function automatically routes received faxes to the designated recipient's e-mail inbox. Similarly, documents sent from a PC via the LAN can be transmitted to a G3 fax machine. True paperless faxing is now possible.

"Send" for Versatile File Distribution

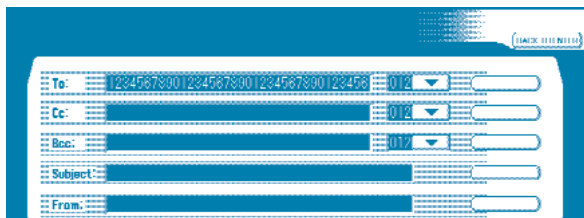
Once scanned by the WORKiO 6010, the paper documents are converted into image data that can be easily handled on the PC or via network. With this feature, you can "send" the scanned file to multiple PCs on the network at the same time ("**Send to PC**"). Or, "send" it to the server where it can be accessed by any client PC on the LAN ("**Send to Server**"). "**Send to Printer**" allows you to print out the file on a remote WORKiO in another location, even via Internet.

Sending & E-mail Utility

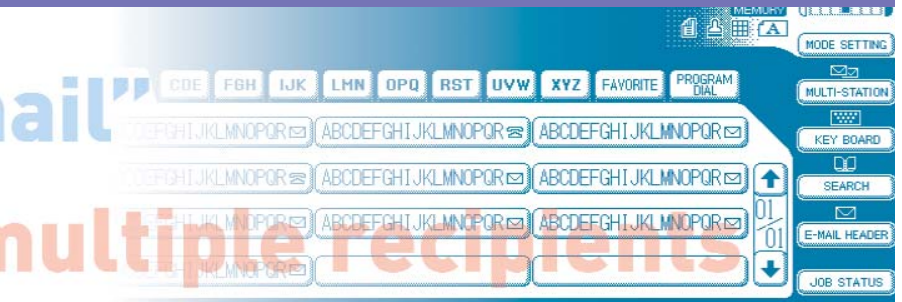
For quicker access and smoother document transmission, the WORKiO 6010's **Address Book** can hold up to 1,000



memories*4. Registered phone numbers and e-mail addresses can be recalled at the touch of a button. Or when the network address is registered with the PC name, you can quickly specify the PC where the scanned image or job completion notice is to be sent. The E-mail Header utility allows you to easily set up a standardized **e-mail header** with simple PC-like operation.



*4 Optional Hard Disk Drive Unit required

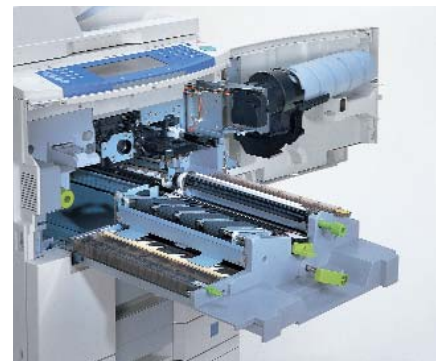
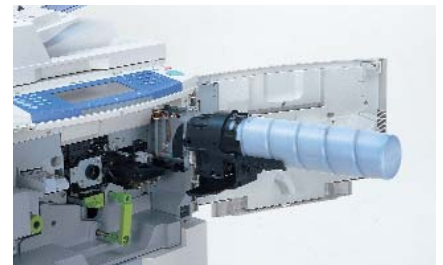


Reliability & Durability

Trouble-Free Easy Maintenance Design

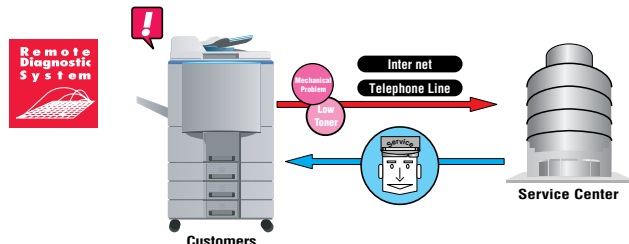
The WORKiO 6010's **full front-access design** makes it easy for users to maintain. The entire printer engine can be pulled out toward the front, so even jammed paper can be easily removed. Although the toner and OPC drum are designed for long service life, replacing them is inevitable.

You'll also benefit from Panasonic's exclusive **Remote Maintenance** system. This includes **Check & Call**, which automatically reports low toner status and various mechanical problems to a service center, as well as our Remote Diagnostic System, which enables our expert technicians to quickly locate any problems via a telephone line*1 or via Internet*2 and provide you with a solution.



*1 Optional Fax Communication Board required.

*2 Optional Internet Fax/E-mail Module required.



Environmentally Friendly Design

In spite of its many functions and powerful performance, the **EnergyStar-compliant** WORKiO 6010 requires very little energy to get the job done. The Energy Saver system significantly reduces power consumption when the machine is idle. And when the WORKiO 6010 enters the sleep mode, power consumption drops to basically nothing. At the same time, its **low-noise, low-ozone emission** design keeps your office environment quiet and clean.



As an ENERGY STAR® Partner, Panasonic has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.

Versatile Options & Expandability

Paper Exit Options

Exit Tray
DA-XT600

2-Bin Finisher
DA-FS600

Punch Unit
DA-SP31

2-Bin Saddle-Stitch Finisher
DA-FS605

Other Option
Key Counter Cable Kit
FLPTL0308

Image Memory Options

16 MB / 64 MB / 128 MB
DA-SM16B / DA-SM64B / DA-SM28B

Software / Hard Disk

Accounting System

Hard Disk Drive Unit
DA-HD60

Accounting Software
DA-WA10

DD Server System

DD Server Software
DA-WS20

OneRIP

OneRIP for Panasonic Software

Fax / Send to E-mail (Internet Fax) Options

Select one.

Flash Memory

4 MB Flash Memory / 8 MB Flash Memory
UE-410047F / UE-410048F

G3 Fax

Fax Communication Board
DA-FG600

Send to E-mail (Internet Fax)

Internet Fax/E-mail Module
DA-NF600

Printer / Network Printer Options

PCL Printer

PCL Printer Controller Module
DA-PC600

PS Printer

Multi Page Description Language Controller Module
DA-MC600

* Two F-ROM boards are required

Network Scanner Options

Network Scanner

Network Scanner Module
DA-NS600

Paper Feed Options

2-Paper Tray Configuration

3-Paper Tray Configuration

4-Paper Tray Configuration

Plain Stand
DA-D351

Plain Stand
DA-D352

System Console 1
DA-DS601

System Console 2
DA-DS602

3000-Sheet Tray
DA-MA301

Letter-R/Legal Size Adapter for LCT
DA-TK31

DP-6010 Specifications

General / Digital Copier

Type	Semi Console
Copy/Print Process	Laser/Electrostatic photographic method
Warm-up Time	Less than 180 sec.
First Copy Speed	Less than 3.5 sec.
Copy Resolution	600 x 600 dpi
Gray Scale	256 steps
Multi-Copy Speed	60 cpm
Max. Original Size	Ledger (A3)
Copy Size	Ledger (A3) - Invoice (A6)
Copy Ratio	
Enlargement (fixed):	200%, 155%, 129%, 121%
Reduction (fixed):	79%, 77%, 65%, 61%, 50%
Zoom (variable):	25 - 400% (in 1% increments)
Paper Capacity	1,550 (Large-Capacity Tray) + 550 sheets
Bypass Capacity	50 sheets
Max. Paper Capacity	6,250 sheets
Paper Weight	
Paper tray:	16 to 24 lb. Bond (60 to 90 gm/m ²)
Bypass:	15 to 34 lb. Bond (55 to 133 gm/m ²)
Quantity Selector	1 to 999, Automatic reset to 1
Duplex	Standard with "stackless" duplex unit
Exposure Control	Text, Photo/Text, Photo
Standard Sort Memory	32 MB
Optional Memory for Electronic Sort	Base memory (32 MB) plus 16 MB/ 64 MB/128 MB (max. 160 MB). Uses JBIG compression.
Dimensions (W x D x H)	29.6" x 23.6" x 28.9" (753 x 600 x 734 mm)
Weight (excluding optional equipment)	Approx. 257 lbs (117 kg)
Power Requirements	AC 120V, 60 Hz, 12 A
Power Consumption	MAX. 1.45 kW, 20 Wh in Sleep Mode

Printer/Scanner

Printing Speed	60 ppm
Page Description Language	PCL5e, PCL XL, PostScript™3 (Option)
Standard Printer Memory	32 MB RAM (up to additional 128 MB RAM and/or 20 GB HDD). Uses JBIG compression.
Printing Resolution	1200 dpi equivalent x 600 dpi (PCL/PS)
Paper Size	Ledger (A3) - Invoice (A5)
Interface	Ethernet 10Base-T/100Base-TX, Bi-directional Parallel (IEEE1284)
Scanning Resolution	600 dpi x 600 dpi
Computer Compatibility	Windows® XP/2000/98/Me, Windows NT® 4.0, Mac OS 8.x or later (PS only)

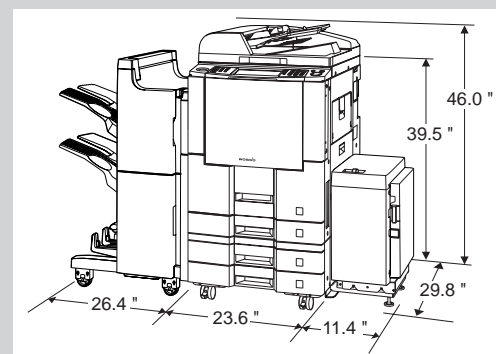
G3 Fax

Compression Method	MH, MR, MMR, JBIG
Modem Speed (Max.)	33.6 kbps
Resolution	600 x 600 dpi
Fax Memory Capacity	2 MB (Max. 10 MB) Uses non-volatile Flash ROM
Transmission Speed	Less than 3 sec.
No. of Auto Dialers	200 (Max. 1000)

Send to E-mail / Internet Fax

Compatibility	IETF RFC 2305, ITU-T T.37
Communication Protocol	TCP/IP, SMTP, POP3, MIME
Network Connectivity	100Base-TX/10Base-T Ethernet [IEEE802.3]
Data Format	TIFF-FX, Profile S, MMR (400 dpi only)

Dimension



Notes

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As an Energy Star® Partner, Panasonic has determined that this product meets the Energy Star® Guidelines for energy efficiency.
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Design and specifications are subject to change without notice.

ISO 9001 Quality Management System

Every aspect of Matsushita Graphic Communication Systems, Inc. (MGCS)'s office information equipment business processes, from manufacturing to marketing, conforms to ISO (International Organization for Standardization) 9001 quality management system standard.

Design, development, manufacture, installation, repair and maintenance of office information equipment, their associated devices and consumables.



In addition, MGCS's plants outside Japan have acquired ISO 9002 certification.

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